

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE:
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLN. NO. (if known): 09/868620
INTERNATIONAL APPLICATION NO.: PCT/JP99/06061	INTERNATIONAL FILING DATE: OCTOBER 29, 1999	PRIORITY DATE CLAIMED: DECEMBER 28, 1998
TITLE OF INVENTION: AMORPHOUS NANO-SCALE CARBON TUBE AND PRODUCTION METHOD THEREFOR		
APPLICANT(S) FOR DO/EO/US: Hisaji MATSUI, Ryoichi NISHIDA, Hitoshi NISHINO, Chiharu YAMAGUCHI, Haruyuki NAKAOKA, Kazuhiro TAKEZAKI and Katsuhiro SASAKI		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <u>XX</u> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <u> </u> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <u>XX</u> This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).		
4. <u>XX</u> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.		
5. <u>XX</u> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):		
a. <u> </u> is transmitted herewith (required only if not transmitted by the International Bureau).		
b. <u>XX</u> has been transmitted by the International Bureau.		
c. <u> </u> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6. <u>XX</u> A translation of the International Application into English (35 U.S.C. 371(c)(2)).		
7. <u>XX</u> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <u> </u> are transmitted herewith (required only if not transmitted by the International Bureau).		
b. <u> </u> have been transmitted by the International Bureau.		
c. <u> </u> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <u>XX</u> have not been made and will not be made.		
8. <u> </u> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <u>XX</u> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <u>XX</u> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
11. <u> </u> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <u>XX</u> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: OSAKA GAS COMPANY LIMITED, Osaka-shi, Japan Please publish the assignee data with the application.		
13. <u>XX</u> A FIRST preliminary amendment. <u> </u> A SECOND or SUBSEQUENT preliminary amendment		
14. <u> </u> A substitute specification.		
15. <u> </u> A change of power of attorney and/or address letter.		
16. <u>XX</u> Other items or information: 8 sheets of drawings (Figs. 3-A, 3-B, 6-A and 6-B being photographs) and international search report		

U.S. APPLICATION NO. (if known) 09/868620	INTERNATIONAL APPLICATION NO. PCT/JP99/06061	DATE: June 25, 2001
---	--	----------------------------

17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO: \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1000.00 International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 860.00</div>	CALCULATIONS	PTO USE ONLY
---	--------------	--------------

Surcharge of \$130.00 for furnishing the oath or declaration later than <u> 20 </u> <u> 30 </u> months from the earliest claimed priority date (37 CFR 1.492(e)).		
---	--	--

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	29 - 20 =	9	X \$ 18.00	\$ 162.00	
INDEPENDENT	1 - 3 =		X \$ 80.00		
Multiple dependent claims(s) (if applicable)			+ \$270.00	\$ 270.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,292.00	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).					
SUBTOTAL =				\$1,292.00	
Processing fee of \$130.00 for furnishing the English translation later than <u> 20 </u> <u> 30 </u> months from the earliest claimed priority date (37 CFR 1.492(f)). +					
TOTAL NATIONAL FEE =				\$1,292.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <div style="text-align: right;">\$40.00 per property +</div>				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,332.00	
				Amount to be: <div style="text-align: right;"> refunded \$ _____ charged \$ _____ </div>	

SGA/yap

ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON, LLP
Suite 1000, 1725 K Street, N.W.
Washington, D. C. 20006
Tel: (202) 659-2930
Fax: (202) 887-0357

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP99/06061 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

May 28, 2001

Full name of the translator

Ikuko AIHARA

Signature of the translator

Ikuko Aihara

Post Office Address

Kitahama TNK Building 7-1, Dosho-machi

1-chome, Chuo-ku, Osaka-shi, Osaka 541-0045,

Japan